

(FDD 25801)

The Dynamics of Translimentary Inhibition During
Gradual Increase in the Strength of the Condition-
ed Stimulator, by A. I. Schastniy, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCVII, No 5, Moscow, ~~1954~~, pp 873-875.

USSR

Sci - Biology, biochemistry

Medicine, neurophysics

29,082 CIA/FDD/U-7423

CTS 73 Oct 55

Grinfel'd, E. G.

NUTRITION OF PLANTS WITH CO₂ ASSIMILATED
THROUGH THE ROOTS. (K Voprosu o Pitani Rastenii
Uglekislotoi Cherez Korn) tr. by J. Hardy. [1962] [12]p.
(foreign text included) 7 refs. [CSIRO] Trans. no. 5884.
Order from OTS or SLA \$1.60 62-32359

Trans. of Akad[emiya] Nauk SSSR. (Doklady) 1954,
v. 97, no. 5, p. 919-922.

DESCRIPTORS: *Plants, *Carbon dioxide, Fertilizers,
*Ammonium radicals, *Carbonates, Absorption,
Nutrition.

(Agriculture--Plant Cultivation, TT, v. 9, no. 6)

62-32359

- I. Grinfel'd, E. G.
- II. CSIRO Trans-5884
- III. Commonwealth Scientific
and Industrial Research
Organization (Australia)

Office of Technical Services

Tribunskaya, A. Ya.
ADSORPTION OF NITROGEN AND PHOSPHORUS BY
PINE SEEDLINGS ON GRAY FOREST SOILS (Vynosy
Azota i Fosfora Seyantsami Sosny na Serykh Lesnykh
Pochvakh). 1963, 6p. 5 refs. PL-480 Agr.
Order from OTS \$0.50

63-11013

Trans. of Akademiya Nauk SSSR. (Doklady), 1954, v. 97,
no. 5 [p. 927-930].

921259P

DESCRIPTORS: *Absorption, Nitrogen, Phosphorus,
*Pine, Plants (Botany), *Soils, Forestry, Trees.

A study was made of the nitrogen and phosphorus content
in pine seedlings grown under different regimes of
nourishment and water supply during their first year
of life. Some data were obtained also for the plants
in their second year of life, both for sown nursery
plants and for natural seedlings, which were culti-
vated under forest conditions. (Author)
(Agriculture--Plant Cultivation, TT, v. 10, no. 3)

63-11013

- I. Tribunskaya, A. Ya.
- II. PL-480 Agr (63-11013)
- III. National Science Foun-
dation, Washington, D. C.

Office of Technical Services

On the Theory of Univalent Functions, by
B. N. Rahmanov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCVII,
1954, pp 973-976.

Amer Math Soc

Sci-Math

Jan 64

246,441

The Mechanism of the Cathodic Passivation of Lead
Dioxide Electrodes, by B. Kabanov, D. Leikis,
E. I. Krepakova, 9 pp.

RUSSIAN, no per, Doklady Akad Nauk, SSSR, Vol XCVIII
No 6, 21 Oct 1954, pp 989-992.

SLA Tr R-1007

Sci - Electronics
Jan 58

58,180

Concentrations of Ions in a Thermally Ionized
Gas as a Function of Pressure, by B. Timan,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCVII, 1954,
pp 1013-1014.

26,796

SLA 59-20213
AEC Tr 2201

Assoc Tech Sv Tr 3306R

RS-330

Scientific - Physics

Sep 55 CTS

FTD (TDBDR-1)

BT57-17-341P

Request translation check

English title unk (Foray o'lasti Kavitaladi

nommal'no o'tokajemo; plastilini

K K Shal'nev

Doklady AN SSSR, vol , no 6, 1954, 1007-1009

plus insert, figure 1

neg 29/5/67

Polymerization of Tetramethyl-Ethylene at Pressures
of up to 27,500 Atmospheres, by M. G. Gonikberg,
V. P. Butuzov, V. M. Zhulin, 7 pp.

RUSSIAN, per, Dok Akad Nauk SSSR, Vol XCVII, No 6,
1954, pp 1023-1028.

Sci Tr Center *RT 3413*

Chemistry

36,153

Jun 56 CTS

Interaction of the Globular Proteins
With Phenylalanine and Tyrosine Esters,
by B. A. Talmud, 2 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCVII, No 6, 1954, p 1037. CIA D 246069

Def Sci Info Sv
DRB, Canada,
T 184 R

Scientific - Chemistry
CTS 70/Jul 55

25,431

Sci Mus Lib 55/2160

Bazilevich, N. I. and Rodin, L. E.
PERCULARITIES OF THE REDUCED BIOLOGICAL
CYCLE IN ZONES CHARACTERIZED BY VARIOUS
SOILS AND FLORA (Osobennosti Malogo Biologicheskogo
Krugovorota v Razlichnykh Pochvenno-Rastitel'nykh
Zonakh). 1963, 6p. 15 refs. PL-480 Agr.
Order from OTS \$0.50

63-11028

Trans. of Akademiya Nauk SSSR. (Doklady). 1954, v. 97,
no. 6, p. 1061-1064.

92/2582
DESCRIPTORS: *Rhythm (Biology), *Plants (Botany),
*Soils, Ecology, Minerals.

It is shown that the interrelation between vegetation and
soil, in the form of a reduced cycle of the ash and other
elements, has significant differences within differing
natural zones.

(Biological Sciences--Botany, TT, v. 10, no. 3)

63-11028

1. Title: Biogeocoenosis
- I. Bazilevich, N. I.
- II. Rodin, L. E.
- III. PL-480 Agr (63-11028)
- IV. National Science Foundation, Washington, D. C.

Office of Technical Services

Specificity of Races of Lupin Nodule Bacteria, by M. Fedorov and K. Svitych.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XVII, No 6, 1954, pp 1069-1073.

16/34/7-2117
USA/CSIRO-3099

Sci

Jul 58

68,375

Abstracts of Russian Physical Literature,
102 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCVIII, XCIX, Sep 1954-Jan 1955, Encl to
IR-754-55, Hq USAFE, Germany. CIA C 37509

AF 664067

Scientific - Physics
CTS 70/Jul 55

25,254

On a Change of the Boundary Conditions at the Plane
Problem of the Elasticity Theory, by V. Ya.
Natanzon (abstract)

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol XCVIII,
1954, pp 27-29, Encl to IR-754-55, Germany.
CIA C 37509

AF 664067

Forbidden Ca^+ Lines in the Solar Spectrum, by
A. A. Nikitin,

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
XCVIII, No 1, 1954, pp 31-33.

Sci Mus Lib 55/2565-
Def Sci Info Sv
IRB T.162.R

Scientific - Astronomy

Feb 55 CTS/DEX

21,201

Experimental Study of the Temperature Dependence of
the Intensity of the Stokes' Lines Arising From First
Order Combined Dispersion, by Ya. S. Bobovich, 4 pp.

RUSSIAN, Em per, Dok Ak Nauk SSSR, Vol XCVIII, 1954,
pp 39-42.

AEC Tr 2561

Sci - Physics
Nov 56 CMB

40,432

Correlation of the Statistical and Impact Theories
On the Width of Spectral Lines, by I. I. Sobelman,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCVIII, 1954,
pp 43-45.

AEC Tr 2562
AF 664067 (Abstract)
CIA C 37509

Sci - Physics
Nov 56 CFB

40, 434

(FDD 25851)

Dependence of a Brightness of Light Flashes Upon
Their Duration, by A. V. Luizov, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
XCVIII, No 1, Moscow, Sep 1954, pp 55-57.

CIA/FDD/U-7900

USSR

Sci - Biology, biochemistry

Feb 1956 CTS

32,377

Investigation of the Width of Spectral Lines in
an Arc Source of Light, by A. Ya. Vyatsky, I. M.
Nagibina. UNCL

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCVIII,
No 1, 1954, pp 59-62.

CCT-1290B

Sci - Astron Phys
Sep 59

96,652

Influence of Chrome Upon the Binding Forces of the
Crystals of the Alpha Iron, by V. K. Kriskaya,
B. B. Kurdyumov, T. I. Stelleskaya (abstract)

RUSSIAN, hrice-mo per, Dok Ak Nauk , Vol XCVIII,
1954, pp 63-66, Encl to IR-754-55, Germany.
CIA C 37509

AF 664067

61-23571

Putokhin, N. I. and Yakovlev, V. I.
THE REACTION OF DIAZOTIZATION OF
2-THIENYLAMINE AND THE AZO COMPOUNDS OF
THE THIOPHENE SERIES (Reaktsiya Diazotirovaniya
2-Tienilamina i Azosocedineniya Tiofenovogo Ryada) tr.
by G. Belkov. 1961, 7p. NRCC Technical trans. 972.
Order from NRCC \$0.50 NRCC C-3733

Trans. of Akad[emiya] Nauk SSSR. (Doklady, 1954,
v. 98, no. 1, p. 89-91.

DESCRIPTORS: *Dyes, Synthesis, *Thiophenes,
*Amines, *Azo compounds, Chemical reactions.

(Chemistry--Organic, TT, v. 7, no. 3)

I. Putokhin, N. I.
II. Yakovlev, V. I.
III. NRCC TT-972
IV. NRCC C-3733
V. National Research Council
of Canada

Office of Technical Services

Optical Investigation of Adsorption and Surface
Condensation of Vapors Near Saturation, by B. V.
Deryagin, E. M. Zorin, 4 pp.

Full tr

RUSSIAN, ~~per~~ thrice-no per, Dok Ak Nauk SSSR, Vol
XCVIII, No 1, 1954, pp 93-96.

NLL Ref: 5828.4F (12875)

Heavy Tr No 1359/NRL 569

RT 4278 40,282

Sci - Physics
Oct 1956 GTS/dsx

Thermochemical Study of the Structure of Dilute
Aqueous Solutions of Uranyl Chloride and Nitrate, by
I. I. Lipilina, O. Ya. Samoylov, 10 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCVIII, 1954,
pp 99-102. 9-20566
AEC-Tr-6265

Sci-Mat & Met
Mar 64

252,229

Mechanism of Adsorption of Acids by Active Carbon
From Non-Aqueous Solutions, by D. N. Strazhesko et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCVIII, No 1,
1954, pp 107-110.

Co-Op Tr Sch 216
\$1.12s. (4s.08.)

Sci - Chemistry

59,702

(FDD 24836)

Aminoacid Composition of Phycocerythrin, by N. M.
Sisakyan, E. N. Bozinger, F. R. Kivkutsan, 9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCVIII, No 1, Moscow, 1 Sep 1954. pp 111-114.

CIA/FDD/U-7538

USSR

Sci - Chemistry, photosynthesis

29,684

Ultimate Shearing Stress and Internal Friction
in De-aired Clay, by P. P. Budnikov,
I. A. Alperovich, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCVIII, No 1, 1954, pp 115-118.

26,759

156-10609

Sci Mu Lib No 55/1318

~~Academy of Sciences~~

Scientific - Physics

Sep 55 CTS

Inhibition of Photosynthesis by Oxygen, by I. Y.
Shlyapintokh, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCVIII, 1954,
pp 141-144.

SLA Tr R-1317

Sci

Jun 58

65,844

Euphausiids of the Sea of Japan Feeding on the
Copepoda, by L. A. Ponomareva.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XAVIII,
No 1, 1954, pp 153-154.

Dept of Interior
Q11 E78 No 40

Sci - Biol

215,910

Oct 62

V
~~(R00X25894)~~
(FDD 25894)

The Determination of the Resultant Mechanical Processes Connected With Cardiac Activity and the Movement of Blood in the Vessels, by Ye. B. Babitskiy, I. T. Akulinichev, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCVIII, No 1, Moscow, Sep 1954, pp 159-162.

CIA/FDD/U-7901

USSR

33,077
SC1 - Medicine, cardiovascular system

A New Species of Dactylogyrus From the Gills
of the Amur Hypophthalmichthys Molitrix, by
A. Kh. Akhmerov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCVIII, No 1,
1964, pp 167-168.

1954,

Virginia Inst of
Marine Science
(Loan)

Sci
Sept 64

Effective Solution of Linear Approximation
Problems for Processes With Random, Stationary
n-th Increments, ~~expprx~~ by A. M. Yaglom, 6 pp.

RUSSIAN, thrice-no par, Dok Ak Nauk SSSR, Vol XCVIII,
No 2, 1954, pp 189-192.

Morris D. Friedman

\$3.00

I-102

Sci - Physics; Mathematics

38,250

Threshold Duration of Obscuration of a
Point-Source of Light, by K. N. Bulanova,
A. V. Luizov.

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol
XCVIII, No 2, 1954, pp 205-206. *CRAD 177062*

NIH 5-43
Def Sci Info Sv
DHB T.160.R

Scientific - Physics

Trans to 3717/APL T914
Feb 55 CTS/DEX

21,199

Discovery of an Innercrystalline Interior Absorption
in Aluminum Alloys by Means of the Method of
Microhardness, by V. I. Archarov, I. P. Berenova,
N. A. Kozina (abstract)

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol XCVIII, 1954,
pp 207-209, Encl to IR-754-55, Germany.

CIA C 37509

AF 664067

On the Determination of the Number of Vacancies
and the Energy of Vacancy Formation in Metals and
Alloys, by S. S. Gertsiken, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCVIII, USSR, 1954, pp 211-215.

NLL 11/2/54

ABC Tr 2105

CIA/FDD/X-1984/

OTS 67/Apr 55

Scientific - Physics

23,011

Influence of Alloying Additions Upon the Temperature
Dependence of the Shear Modulus of Iron, by N. S.
Rysina, B. N. Finkelsteiyn (abstract

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol XCVIII, 1954,
pp 215-217, Encl to IR-754-55, Germany.
CIA C 37509

AF 664067

Differential-Thermal Investigation of the
Formation of Complexes of Urea With n-Paraffins,
by ~~XXXXXXXXXXXX~~ A. V. Topchyev.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCVIII, 1954, pp 223-226.

Assoc Tech Sv RJ-220
\$7.60

TPA3TT1B
TIL-T-4605

Scientific - Chemistry
CIS 73/Oct 1955

27,501

On the Relation Between the Ratio of the Heat
of Fusion and the Atomic Number of the Elements,
by A. A. Bochvar, G. M. Kuznetsov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCVIII,
No 2, 1954, p 227.

OT/1235

Sci Ma Lib Tr 55/0800

25,169

AERE 505

Scientific - Nuclear Physics 1
Jun 55 CTS

Exchange and geological preservation of the
oxygen of solid carbonates in aqueous solutions,
by A. Trofimov, 11 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, 98, no 2,
p 237-40, 1954.

9847.49M
SIA R-3641

Sci

94, 434

Aug 59

Plaksin, I. N. and Bessonov, S. V.
 ABSORPTION OF OXYGEN IN SULPHIDE SUS-
 PENSIONS (Pogloshchenie Kisloroda v Sul'fidnykh Sus-
 penziyakh). Dec 61 [5]p. 1 ref. RTS 1931.
 Order from OTS or SLA \$1.10

62-13916

Trans. of Akade'miya Nauk SSSR, (Doklady) 1954,
 v. 98, no. 2, p. 251-252.

DESCRIPTORS: *Sulfides, *Solutions, *Oxygen,
 *Absorption, Pyrites, Minerals, Flotation

Experiments show that oxygen is absorbed by the
 sulfides to a significant extent even when the sulfide
 pulp is considerably diluted. The oxygen is absorbed
 by pyrites and galena principally at the first instant
 of contact, whereas chalcopyrite absorbs the oxygen
 gradually. These peculiarities of the minerals with
 regard to the action of oxygen agree with the influence
 (Metallurgy, TT, v. 7, no. 8) (over)

62-13916

I. Plaksin, I. N.
 II. Bessonov, S. V.
 III. RTS-1931
 IV. Department of Scientific
 and Industrial Research
 (Gr. Brit.)

201386

Office of Technical Services

Peculiarities in the Diurnal Rhythm of Engorged
Ixodes Persulcatus Dropping From Cows, by Yu. S.
Balachov, 6 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol XCVIII,
No 2, 1954, pp 317-319.

Sci Tr Center RT-3736

36,119

Scientific - Biology

Jun 56/dex

N14-1145

On Some Coupled (dual) Integral Equations.
by ~~XXXXXXXXXXXX~~ A. I. Akhayer, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCVIII, 1954, p 333-336.

Morris D. Friedman

\$3.00

Scientific - Physics

Sci Mus Lib-5 6/0523
CTS 67/APR 55

22,948

Improvement of the First Approximation in
the Studying Self-Oscillations of High Order
Nonlinear Systems, by E. P. Popov, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCVIII, 1954, p 345. ~~347~~

Morris D. Friedman P-115
\$3.50

9093106

USSR

Scientific - Physics

CTS 65/Feb 55

21,317

On the Stability and the Sloping Flowing Through
of Two-Parametric Whirl Paths, by Bl. Dolapsiyev
(abstract)

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol XCVIII, 1954,
pp 349-352, Encl to IR-754-55, Germany.
CIA C 37509

AF 664067

On the Nature of the Discrete Sources of Cosmic
Radio Emission, by I. S. Shkolovskiy.

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol
XCVIII, No 3, 1954, pp 353-356. CIA D166673

Def Sci Info Sv
DDB T.163.R

Astronomy

Scientific -- ~~Electronics~~ Feb 55 CTS/LL

21,186

Calorimetical Measurements of the Activity and Number of
Gamma-Quanta per Decay Act, by K. K. Aglintsev,
E. A. Khol'nova, 8 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCVIII, 1954,
pp 357-360. 9218769

AEC-UCRL-Tr-1002(L)

Sci-Nucl Sci
Feb 64

248,918

The Renormalization of Mass and Charge in the
Covariant Equations of the Quantum Theory of the
Field, by A. D. Galanin, B. L. Ioffe, I. Ya.
Pomeranchuk (abstract)

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol XCVIII,
1954, pp 361-364, Encl to IR-754-55, Germany.
CIA C 37509

AF 664067

Experimental Investigation of the Reflecting Power
of Coloured Cloudy Media, by A. A. Ily^a/ina, G. B.
Rozenberg (abstract)

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol XCVIII, 1954,
pp 365-368, Encl to IR-754-55, Germany.
CIA C 37509

AF 664067

(FDD 25080)

Polarization of Very Fast Neutrons During Scattering of
Heavy Nuclei, by I. I. Levinton, 8 pp.

RUSSIAN, thrice mo per, Dok Ak Nauk SSSR, Vol XCVIII,
No 3, Moscow, 21 Sep 1954, pp 373-376.

CIA/FDD/U-7926

A. E. R. E. 5-78

Harwell

USSR

Sci - Physics, nuclear physics

33,371

S-5270

(DC-2943).

The Problem of Experimental Verification of
the Theory of Crystal Growth, by Yu. A. Krishtal,
5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Novaya Seriya,
Vol XCVIII, No 3, 1954, Moscow, pp 395-397.

JPRS-L-1787-D

Sci - Phys, Crystal Growth
Aug 59

93, 345

A Statistical Determination of ~~the~~ the Basic
Structural Amplitudes, by I. M. Rumanova

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCVIII, No 3, 1954, pp 399-402.

Navy Tr 1275/NRL 541

Scientific - Physics
Jan 56 CTS/dex

30,697

NLL 61.2898

The Structure of Drying Gels, Their Pores and
Particles, by A. V. Kiselev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCVIII,
No 3, 1954, pp 431-434.

Sci Tr Center

RT-2922

Sci - Chemistry

Jan 1956/CTS No 77

30,539

Phenomena of Destruction of the Passive State
in Stainless Steels in Highly Oxidizing Solutions,
by N. D. Tomashov, G. P. Chernova. UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XX XCVIII,
No 3, 1954, pp 435-438. 967 666 C

Navy 2254/BRL 734

Sci - Min/met
Aug 59

FDD/X 3460

CIA/FDD X-3460

95, 663

Gonikberg, M.G., Gavrilova, A.E., and Kazanskiĭ, B.A.
THERMAL AND CATALYTIC CRACKING OF PARAF-
FINS AT HIGH PRESSURE. 7 p. 8 refs. MTWL: 664.
Order from OTS or ETC \$1.55 61-17196

Trans. of Akademiya Nauk SSSR. Doklady, 1953,
v. 98, no. 3, p. 483-486.

DESCRIPTORS: High pressure research, High tempe-
rature research, Decomposition, *Hexanes,
Alumina-silica catalysts.

61-17196

- I. Gonikberg, M.G.
- II. Gavrilova, A.E.
- III. Kazanskiĭ, B.A.
- IV. MTWL-664
- V. Stichting Moeilijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

62-22546

Mashkovtsev, M. F., Tasapkova, N. A., and
Moiseeva, M. E.

DESTRUCTION OF NICOTINE BY THE TISSUES OF
THE TOBACCO PLANT DURING THE AUTOLYSIS
AND HUNGER METABOLISM. [1962] 10p.
Order from K-H \$12.50 K-H 3390-d

Trans. of Akademiya Nauk SSSR. Doklady, 1954,
v. 98 [no. 3] p. 491-494.

DESCRIPTORS: *Nicotine, Decomposition, *Tissues
(Biology), *Tobacco, *Metabolism, Hunger.

I. Mashkovtsev, M. F.
II. Tasapkova, N. A.
III. Moiseeva, M. E.
IV. K-H-3390-d
V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

(Agriculture--Plant Cultivation, TT, v. 8, no. 8)

Office of Technical Services

62-25644

Strogonov, B. P. and Ivanitskaya, E. F.
EFFECT OF SOIL SALINITY ON THE STABILITY OF
THE CHLOROPHYLL-CHLOROPLAST PROTEINS LINK
IN COTTON (Vliyanie Pochvennogo Zasoleniya na
Prochnost' Svyazi Khlorofilla s Belkami Khloroplastov u
Khlopchatnika) tr. by M. Slade. [1962] [9]p. (foreign
text included) 8 refs. [CSIRO] Trans. no. 5471.
Order from OTS or SLA \$1.10 62-25644

Trans. of Akademiya Nauk SSSR, Doklady, 1954, v. 98,
no. 3, p. 497-499.

DESCRIPTORS: *Soil, *Salinity, Chlorophylls, Proteins,
*Cotton, Dehydration, Plants, Injuries.

Salt additions to the plants in a cotton field had a mass
effect, but this effect was not uniform; it was concen-
trated in discrete portions of the field, and in the indi-
vidual rows injured plants alternated with plants that
(Agriculture--Plant Cultivation, TT, v. 9, no. 7)(over)

- I. Strogonov, B. P.
- II. Ivanitskaya, E. F.
- III. CSIRO Trans-5471
- IV. Commonwealth Scientific
and Industrial Research
Organization (Australia)

Office of Technical Services

AEC (LA-tr-71-67) PRESERVATION OF CONDITIONALLY
PERIODIC MOVEMENTS WITH SMALL CHANGE IN THE HAM-
ILTON FUNCTION. Kolmogorov, A. N. Translated by Helen
Dahlby (Los Alamos Scientific Lab., N. Mex.), from Dokl.
Akad. Nauk SSSR; 98: 527-30(1954). 7p.

mathematics; physics; translations

ND-34 P RC

Unlimited

On the Transformation of a Monocyclic Sequence
into a Recurrent, by V. I. Shestakov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCVIII,
No 4, 1954, pp 541-544.

MDF 8-107

Sci - *Electron*
Jul 61

/61,386

Self Oscillations of High Order Nonlinear Systems
With Slowly Varying External Action, by E. P.
Popov, 6 pp.

USSR, thrice-no per, Dok Ak Nauk SSSR,
Vol. XVIII, 1954, p 545. ~~547~~

Morris D. Friedman P-116
\$3.00

9093084

USSR

Scientific - Physics

OTS 65/Feb 55

21,310

Determination of the Filtration Velocity of a
Liquid at the Colmation Process, by Yu. M. Tsechtman
(abstract)

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